

Converting Colors

Hex(E2513D)

Have a look what the booklet for
Hex(E2513D) contains.

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Color

Hex(E2513D)

Conversions

Conversions Part 1

Format	Color
Hex	E2513D
RGB	226, 81, 61
RGB Percent	89%, 32%, 24%
CMY	0.1137, 0.6824, 0.7608
CMYK	0.00, 0.64, 0.73, 0.11
HSL	7°, 74%, 56%
HSV	7°, 73%, 89%
XYZ	35.1488, 22.3905, 6.8841
YIQ	122.0750, 92.8400, 24.5200

Conversions

Conversions Part 2

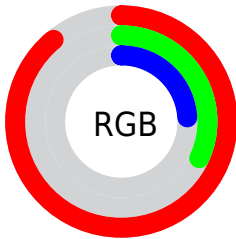
Format	Color
R_{YB}	226, 84, 61
Decimal	14831933
CIE _{Lab}	54.44, 55.27, 41.77
CIE _{LCh}	54, 69.281, 37.079
Yxy	22.3905, 0.5456, 0.3476
Android (android.graphics.Color)	4293022013 (0xFFE2513D)
YUV	122.0750, -30.1100, 91.1422
Hunter-Lab	47.3186, 49.7840, 24.4973

Details

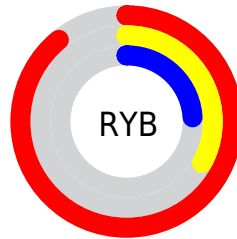
The Hex color **E2513D** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **3DCEE2**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF886E**, and **A31010** is the 20% darker color. If you saturate the color by 10%, you get **E23D26**, and if you desaturate by 10%, it is **E26554**.

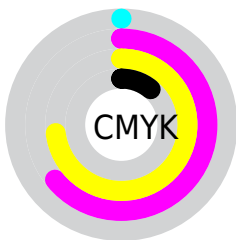
Distribution



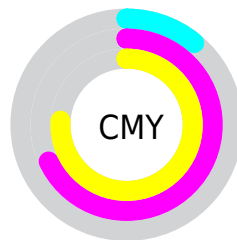
- Red (89%)
- Green (32%)
- Blue (24%)



- Red (89%)
- Yellow (33%)
- Blue (24%)



- Cyan (0%)
- Magenta (64%)
- Yellow (73%)
- Black (11%)



- Cyan (11%)
- Magenta (68%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2513D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E2513D by changing the saturation by 10% instead.

 E2513D

 E2513D

FFFFFF

 C23426

 FF886E

 A31010

 FFA487

 850000

 FFC1A2

 660000

 FFDEBD

 480001

 FFFBD9

 2C0001

 FFFFF5

 000000

 E2513D

 E2513D

 E23D26

 E26554

 E22910

 E2796A

 E21B00

 E28D81

 E2A097

 E2B4AE

 E2C8C5

 E2DCDB

 E2F0F2

 E2FFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EB3E77



E2513D



C16E00

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E2513D



009A51



0085FA

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E2513D



3DCEE2

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0095F1



E2513D



009D8F

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E2513D



4F920C



009CC9



946BE3

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E2513D



A27E00



009CC9



008BFB

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E2513D



FFCEC7



E23DCF



80625E



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E2513D



FF3A1F



E2A33D



706665



B01500



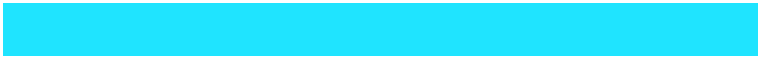
300600

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3DCEE2



1FE4FF



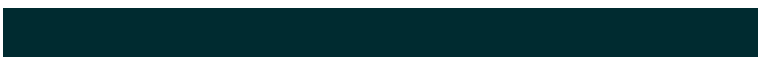
3D7CE2



656F70



009BB0



002B30

Previews

White Background



This preview shows how the Hex color E2513D looks on a white background.

Color Contrast Check

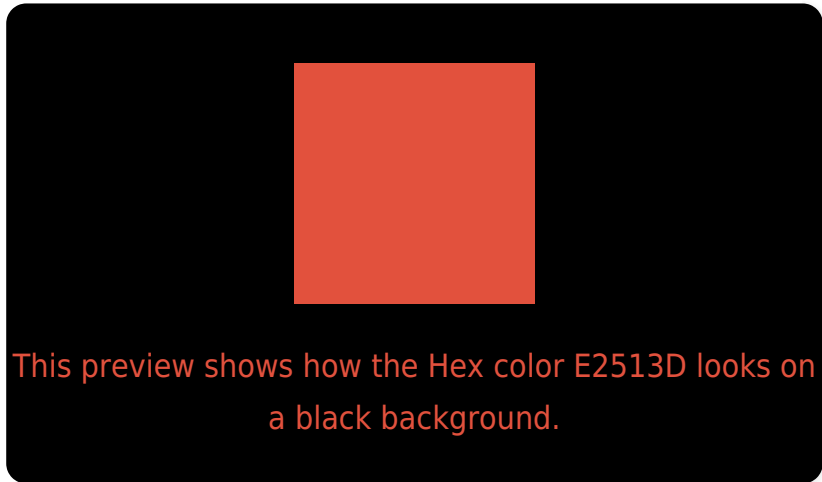
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E2513D Background



This preview shows how black text looks on a background with the Hex color E2513D.



This preview shows how white text looks on a background with the Hex color E2513D.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
E2513D

Protanopia
8F834D

Deuteranopia
A37C34



Tritanopia
E34E53

Trichromacy



Original Color
E2513D

Protanomaly
AD7147

Deuteranomaly
BA6C37

Tritanomaly
E34F4B

Monochromacy



Original Color
E2513D

Achromatopsia
7A7A7A

Achromatomaly
A06B64

CSS Examples

Text

The CSS property to change the color of the text to Hex E2513D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E2513D looks like.

```
.text, #text, p{  
    color:#E2513D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E2513D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2513D
}
```

Border

The CSS property to change the border of an element to Hex E2513D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E2513D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E2513D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E2513D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2513D; -webkit-box-shadow:4px 4px  
4px 4px #E2513D; box-shadow:4px 4px 4px  
4px #E2513D }
```

Background

The CSS property to change the background color of an element to Hex E2513D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2513D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E2513D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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